BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Modified Estimate for Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
1	Removing and resetting of footpath slab								
							0.00	210.91	0.00
	Approved Amount	**210.91**							
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	For RCC Drain	Cum							
	Ambhabavani Layout								
	1st Cross Rd		2	30.00	1.10	1.00	66.00		
	2nd Cross Rd		2	25.00	1.00	1.00	54.88		
	3rd Cross Rd		2	29.50	1.10	1.00	65.55		
	4th Cross Rd		2	41.50	1.10	1.00	91.76		
	5th Cross Rd		2	40.50	1.10	1.00	89.77		
	Cross Rd-1		2	19.00	1.10	1.00	41.80		
	Cross Rd-2		2	30.00	1.10	1.00	66.78		
	Cross Rd-3 from end		2	52.10	1.10	1.00	114.56		
	Cross Rd-4 from end		2	67.50	1.10	1.00	147.83		
	Cross Rd-5		2	37.00	1.10	1.00	81.29		
	6th Cross Rd		2	103.50	1.10	1.00	226.72		
	12th Cross Rd		2	67.00	1.00	1.00	134.00		
	13th Cross Rd		2	66.00	1.00	1.00	132.00		
	14th Cross Rd		2	65.00	1.00	1.00	130.00		
	12th A Cross Rd		2	14.00	1.00	1.00	30.80		
	13th A Cross Rd		2	15.50	1.00	1.00	31.00		
	14th A Cross Rd		2	11.50	1.00	1.00	23.00		
	Ambabhavani Main Rd		2	108.50	1.10	1.00	238.70		
	Sai Nagara 3rd Phase								
	4th Cross Rd		2	91.50	1.10	1.00	201.30		
	Avaikya Layout								
	Cross Rd-1		2	147.00	1.10	1.00	324.83		
	Cross Rd-2		2	173.00	1.10	1.00	381.27		
	Cross Rd-3		2	152.00	1.10	1.00	336.16		
	Cross Rd-4		2	42.00	1.10	1.00	92.40		
	Cross Rd-5		2	98.50	1.10	1.00	217.09		
	Cross Rd-6		2	37.50	1.10	1.00	82.17		
	Cross Rd-7		2	31.00	1.10	1.00	68.32		
	Cross Rd-8		2	41.00	1.10	1.00	90.20		
	Cross Rd-9		2	31.50	1.10	1.00	69.30		
	Cross Rd-10		2	252.00	1.10	1.00	555.40		
	Cross Rd-11		2	121.00	1.10	1.00	266.43		
	Cross Rd-12		2	124.00	1.10	1.00	272.80		
	Cross Rd-13		2	124.00	1.10	1.00	273.69		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	Sai Nagara 2nd Phase								
	10th Cross Rd		2	117.50	1.10	1.00	258.18		
	11th Cross Rd		2	118.10	1.10	1.00	259.95		
	9th Cross Rd		2	105.20	1.10	1.00	231.44		
	6th Cross Rd		2	110.20	1.10	1.00	242.56		
	1st Cross Rd		2	29.50	1.10	1.00	64.90		
	2nd Cross Rd		2	66.00	1.10	1.00	145.20		
	3rd Cross Rd		1	38.00	1.10	1.00	41.80		
	Main Rd		1	52.60	1.10	1.00	57.86		
	Muneshwara Layout								
	Main Rd		2	108.00	1.10	1.00	236.51		
	2nd Cross Rd		2	224.70	1.10	1.00	494.46		
	Cross Rd-4		2	59.80	1.10	1.00	131.46		
	Culvert								
			21	8.30	1.50	1.00	261.33		
							7423.43	**217.43**	**1614075.71**
	Approved Amount	**217.43**							
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:4:8 with OPC @ 180kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.								
	For RCC Drain	Cum							
	Ambhabavani Layout								
	1st Cross Rd		2	30.00	1.10	0.15	9.90		
	2nd Cross Rd		2	25.00	1.00	0.15	8.23		
	3rd Cross Rd		2	29.50	1.10	0.15	9.83		
	4th Cross Rd		2	41.50	1.10	0.15	13.76		
	5th Cross Rd		2	40.50	1.10	0.15	13.47		
	Cross Rd-1		2	19.00	1.10	0.15	6.27		
	Cross Rd-2		2	30.00	1.10	0.15	10.02		
	Cross Rd-3 from end		2	52.10	1.10	0.15	17.18		
	Cross Rd-4 from end		2	67.50	1.10	0.15	22.17		
	Cross Rd-5		2	37.00	1.10	0.15	12.19		
	6th Cross Rd		2	103.50	1.10	0.15	34.01		
	12th Cross Rd		2	67.00	1.00	0.15	20.10		
	13th Cross Rd		2	66.00	1.00	0.15	19.80		
	14th Cross Rd		2	65.00	1.00	0.15	19.50		
	12th A Cross Rd		2	14.00	1.00	0.15	4.62		
	13th A Cross Rd		2	15.50	1.00	0.15	4.65		
	14th A Cross Rd		2	11.50	1.00	0.15	3.45		
	Ambabhavani Main Rd		2	108.50	1.10	0.15	35.81		
	Sai Nagara 3rd Phase								
	4th Cross Rd		2	91.50	1.10	0.15	30.20		
	Avaikya Layout								
	Cross Rd-1		2	147.00	1.10	0.15	48.72		
	Cross Rd-2		2	173.00	1.10	0.15	57.19		
	Cross Rd-3		2	152.00	1.10	0.15	50.42		
	Cross Rd-4		2	42.00	1.10	0.15	13.86		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	oss Rd-5		2	98.50	1.10	0.15	32.56		
	ross Rd-6		2	37.50	1.10	0.15	12.33		
	Cross Rd-7		2	31.00	1.10	0.15	10.25		
	Cross Rd-8		2	41.00	1.10	0.15	13.53		
	Cross Rd-9		2	31.50	1.10	0.15	10.40		
	Cross Rd-10		2	252.00	1.10	0.15	83.31		
	Cross Rd-11		2	121.00	1.10	0.15	39.96		
	Cross Rd-12		2	124.00	1.10	0.15	40.92		
	Cross Rd-13		2	124.00	1.10	0.15	41.05		
	Sai Nagara 2nd Phase								
	10th Cross Rd		2	117.50	1.10	0.15	38.73		
	11th Cross Rd		2	118.10	1.10	0.15	38.99		
	9th Cross Rd		2	105.20	1.10	0.15	34.72		
	6th Cross Rd		2	110.20	1.10	0.15	36.38		
	1st Cross Rd		2	29.50	1.10	0.15	9.74		
	2nd Cross Rd		2	66.00	1.10	0.15	21.78		
	3rd Cross Rd		1	38.00	1.10	0.15	6.27		
	Main Rd		1	52.60	1.10	0.15	8.68		
	Muneshwara Layout								
	Main Rd		2	108.00	1.10	0.15	35.48		
	2nd Cross Rd		2	224.70	1.10	0.15	74.17		
	Cross Rd-4		2	59.80	1.10	0.15	19.72		
	Culvert								
			21	8.30	1.50	0.20	52.27		
							1126.58	**5675.99**	**6394461.03**
	Approved Amount	**5675.99**							
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of stell as per MORTH specification NO. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications.								
	RCC Drain Raft	Cum							
	Ambhabavani Layout								
	1st Cross Rd		2	30.00	0.90	0.15	8.10		
	2nd Cross Rd		2	25.00	0.90	0.15	7.41		
	3rd Cross Rd		2	29.50	0.90	0.15	8.04		
	4th Cross Rd		2	41.50	0.90	0.15	11.26		
	5th Cross Rd		2	40.50	0.90	0.15	11.02		
	Cross Rd-1		2	19.00	0.90	0.15	5.13		
	Cross Rd-2		2	30.00	0.90	0.15	8.20		
	Cross Rd-3 from end		2	52.10	0.90	0.15	14.06		
	Cross Rd-4 from end		2	67.50	0.90	0.15	18.14		
	Cross Rd-5		2	37.00	0.90	0.15	9.98		
	6th Cross Rd		2	103.50	0.90	0.15	27.82		
	12th Cross Rd		2	67.00	0.90	0.15	18.09		
	13th Cross Rd		2	66.00	0.90	0.15	17.82		
	14th Cross Rd		2	65.00	0.90	0.15	17.55		
	12th A Cross Rd		2	14.00	0.90	0.15	4.16		
	13th A Cross Rd		2	15.50	0.90	0.15	4.19		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	th A Cross Rd		2	11.50	0.90	0.15	3.11		
	mbabhavani Main Rd		2	108.50	0.90	0.15	29.30		
	Sai Nagara 3rd Phase								
	4th Cross Rd		2	91.50	0.90	0.15	24.71		
	Avaikya Layout								
	Cross Rd-1		2	147.00	0.90	0.15	39.69		
	Cross Rd-2		2	173.00	0.90	0.15	46.79		
	Cross Rd-3		2	152.00	0.90	0.15	41.26		
	Cross Rd-4		2	42.00	0.90	0.15	11.34		
	Cross Rd-5		2	98.50	0.90	0.15	26.60		
	Cross Rd-6		2	37.50	0.90	0.15	10.08		
	Cross Rd-7		2	31.00	0.90	0.15	8.37		
	Cross Rd-8		2	41.00	0.90	0.15	11.07		
	Cross Rd-9		2	31.50	0.90	0.15	8.51		
	Cross Rd-10		2	252.00	0.90	0.15	68.16		
	Cross Rd-11		2	121.00	0.90	0.15	32.70		
	Cross Rd-12		2	124.00	0.90	0.15	33.48		
	Cross Rd-13		2	124.00	0.90	0.15	33.59		
	Sai Nagara 2nd Phase								
	10th Cross Rd		2	117.50	0.90	0.15	31.69		
	11th Cross Rd		2	118.10	0.90	0.15	31.90		
	9th Cross Rd		2	105.20	0.90	0.15	28.40		
	6th Cross Rd		2	110.20	0.90	0.15	29.77		
	1st Cross Rd		2	29.50	0.90	0.15	7.97		
	2nd Cross Rd		2	66.00	0.90	0.15	17.82		
	3rd Cross Rd		1	38.00	0.90	0.15	5.13		
	Main Rd		1	52.60	0.90	0.15	7.10		
	Muneshwara Layout								
	Main Rd		2	108.00	0.90	0.15	29.03		
	2nd Cross Rd		2	224.70	0.90	0.15	60.68		
	Cross Rd-4		2	59.80	0.90	0.15	16.13		
	RCC Drain Wall								
	Ambhabavani Layout								
	1st Cross Rd		4	30.00	0.15	0.60	10.80		
	2nd Cross Rd		4	25.00	0.15	0.60	9.00		
	3rd Cross Rd		4	29.50	0.15	0.60	10.62		
	4th Cross Rd		4	41.50	0.15	0.60	14.94		
	5th Cross Rd		4	40.50	0.15	0.60	14.58		
	Cross Rd-1		4	19.00	0.15	0.60	6.84		
	Cross Rd-2		4	30.00	0.15	0.60	10.80		
	Cross Rd-3 from end		4	52.10	0.15	0.60	18.76		
	Cross Rd-4 from end		4	67.50	0.15	0.60	24.30		
	Cross Rd-5		4	37.00	0.15	0.60	13.32		
	6th Cross Rd		4	103.50	0.15	0.60	37.26		
	12th Cross Rd		4	67.00	0.15	0.60	24.12		
	13th Cross Rd		4	66.00	0.15	0.60	23.76		
	14th Cross Rd		4	65.00	0.15	0.60	23.40		
	12th A Cross Rd		4	14.00	0.15	0.75	6.30		
	13th A Cross Rd		4	15.50	0.15	0.75	6.98		
	14th A Cross Rd		4	11.50	0.15	0.60	4.14		
	Ambabhavani Main Rd		4	108.50	0.15	0.60	39.06		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	Nagara 3rd Phase								
	h Cross Rd		4	91.50	0.15	0.75	41.18		
	vaikya Layout								
	Cross Rd-1		4	147.00	0.15	0.60	52.92		
	Cross Rd-2		4	173.00	0.15	0.60	62.28		
	Cross Rd-3		4	152.00	0.15	0.60	54.72		
	Cross Rd-4		4	42.00	0.15	0.75	18.90		
	Cross Rd-5		4	98.50	0.15	0.75	44.33		
	Cross Rd-6		4	37.50	0.15	0.75	16.88		
	Cross Rd-7		4	31.00	0.15	0.75	13.95		
	Cross Rd-8		4	41.00	0.15	0.75	18.45		
	Cross Rd-9		4	31.50	0.15	0.75	14.18		
	Cross Rd-10		4	252.00	0.15	0.75	113.40		
	Cross Rd-11		4	121.00	0.15	0.75	54.45		
	Cross Rd-12		4	124.00	0.15	0.75	55.80		
	Cross Rd-13		4	124.00	0.15	0.75	55.80		
	Sai Nagara 2nd Phase								
	10th Cross Rd		4	117.50	0.15	0.75	52.88		
	11th Cross Rd		4	118.10	0.15	0.75	53.15		
	9th Cross Rd		4	105.20	0.15	0.75	47.34		
	6th Cross Rd		4	110.20	0.15	0.75	49.59		
	1st Cross Rd		4	29.50	0.15	0.75	13.28		
	2nd Cross Rd		4	66.00	0.15	0.75	29.70		
	3rd Cross Rd		2	38.00	0.15	0.75	8.55		
	Main Rd		2	52.60	0.15	0.75	11.48		
	Muneshwara Layout								
	Main Rd		4	108.00	0.15	0.60	38.88		
	2nd Cross Rd		4	224.70	0.15	0.60	80.89		
	Cross Rd-4		4	59.80	0.15	0.60	21.53		
							2208.77		
	Drain corner Covers		43	0.70	1.00	0.125	3.76		
	Culvert Raft								
			21	8.30	1.20	0.20	41.81		
	Culvert Wall								
			42	8.30	0.20	0.45	31.37		
							73.19		
							2285.72	**7497.22**	**17136512.38**
	Approved Amount	**7497.22**							
5	KSRB 4.9.2 : Providing **T.M.T steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.								
	Considering steel For Drain @ 60kg / cum	Tn	1	2208.77	0.06	--	130.49		
	Considering steel For Culvert @ 80 kg / cum		1	73.19	0.08	--	5.85		
							136.34	**80948.07**	**11036694.73**
	Approved Amount	**80948.07**							

Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
			m	m	m			
roviding and Fixing Pre cast covering slab 100mm thick made out of CC, jelly 20mm Down Size with steel reinforcement including form work, curing, includeing cost of all materials labour,hire charges of machinery, loading, unloading, lead abd lift, transportation etc complete as per engineer incharge								
RCC Covering Slabs	Cum							
Ambhabavani Layout								
1st Cross Rd		2	30.00	0.90		54.00		
2nd Cross Rd		2	25.00	0.90		49.39		
3rd Cross Rd		2	29.50	0.90		53.63		
4th Cross Rd		2	41.50	0.90		75.07		
5th Cross Rd		2	40.50	0.90		73.45		
Cross Rd-1		2	19.00	0.90		34.20		
Cross Rd-2		2	30.00	0.90		54.63		
Cross Rd-3 from end		2	52.10	0.90		93.73		
Cross Rd-4 from end		2	67.50	0.90		120.95		
Cross Rd-5		2	37.00	0.90		66.51		
6th Cross Rd		2	103.50	0.90		185.50		
12th Cross Rd		2	67.00	0.75		100.50		
13th Cross Rd		2	66.00	0.75		99.00		
14th Cross Rd		2	65.00	0.75		97.50		
12th A Cross Rd		2	14.00	0.75		23.10		
13th A Cross Rd		2	15.50	0.75		23.25		
14th A Cross Rd		2	11.50	0.90		20.70		
Ambabhavani Main Rd		2	108.50	0.90		195.30		
Sai Nagara 3rd Phase								
4th Cross Rd		2	91.50	0.90		164.70		
Avaikya Layout								
Cross Rd-1		2	147.00	0.90		264.60		
Cross Rd-2		2	173.00	0.90		311.94		
Cross Rd-3		2	152.00	0.90		275.04		
Cross Rd-4		2	42.00	0.90		75.60		
Cross Rd-5		2	98.50	0.90		177.30		
Cross Rd-6		2	37.50	0.90		67.23		
Cross Rd-7		2	31.00	0.90		55.80		
Cross Rd-8		2	41.00	0.90		73.80		
Cross Rd-9		2	31.50	0.90		56.70		
Cross Rd-10		2	252.00	0.90		454.42		
Cross Rd-11		2	121.00	0.90		217.99		
Cross Rd-12		2	124.00	0.90		223.20		
Cross Rd-13		2	124.00	0.90		223.93		
Sai Nagara 2nd Phase								
10th Cross Rd		2	117.50	0.75		176.03		
11th Cross Rd		2	118.10	0.75		177.24		
9th Cross Rd		2	105.20	0.75		157.80		
6th Cross Rd		2	110.20	0.75		165.38		
1st Cross Rd		2	29.50	0.90		53.10		
2nd Cross Rd		2	66.00	0.90		118.80		
3rd Cross Rd		1	38.00	0.90		34.20		
Main Rd		1	52.60	0.90		47.34		
Muneshwara Layout								

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	ain Rd		2	108.00	0.90		193.51		
	nd Cross Rd		2	224.70	0.90		404.56		
	Cross Rd-4		2	59.80	0.90		107.56		
	Deduction of Slabs in of house		-25	0.60	0.90		-13.50		
							5684.67	1941.22	11035196.45
	Approved Amount	1941.22							
7	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.								
	Culvert Covering Slabs	Sqm							
	Culvert Raft								
			21	8.30	1.20		208.81		
							208.81	4530.86	946095.22
	Approved Amount	4530.86							
8	KSRRB M400-19. Construction of Median and island above road level with approved material deposited from soil deposits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No. 407								
		Sqm							
							0.00	223.76	0.00
	Approved Amount	223.76							
9	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications.- do - heavy duty cobble stones 60mm thick								
	For Footpath	Sqm							
	Duo Marvel								
	7th Cross Rd		2	88.50	1.00		177.76		
	6th Cross Rd		2	64.00	1.10		140.80		
	7th Cross Rd		2	62.40	1.10		137.28		
	8th Cross Rd		2	70.20	1.00		145.88		
	9th Cross Rd		2	48.20	1.10		106.04		
	10th Cross Rd		2	56.50	1.10		130.70		
	11th Croos Rd		2	59.50	1.10		131.55		
	12th Cross Rd		2	48.00	1.00		96.41		
	13th Cross Rd		2	83.40	1.00		166.80		
	5th Main Rd		2	126.10	1.00		265.21		
	4th Main Rd		2	39.50	1.10		86.90		
	3rd Main Rd		1	39.00	1.10		42.90		
	Main Rd (Double Rd)		2	235.30	1.10		495.66		
	1st A Cross Rd		2	76.70	1.10		168.74		
	1st Cross Rd		2	108.00	1.10		237.60		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	d Cross Rd		2	82.30	1.10		180.97		
	nd Main Rd		2	79.30	1.10		174.46		
	Deducton of Tress		-225	1.20	1.00		-270.68		
	Deduction of Shoulder Drain		-73	0.70	1.00		-51.10		
	Deduction of Box		-10	1.00	0.45		-4.50		
							2550.30	1127.34	2885299.65
	Approved Amount	**1127.34**							
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.								
	For Kerb	Cum							
	Ambhabavani Layout								
	1st Cross Rd		2	30.00	0.20	0.10	1.20		
	2nd Cross Rd		2	25.00	0.20	0.10	1.10		
	3rd Cross Rd		2	29.50	0.20	0.10	1.19		
	4th Cross Rd		2	41.50	0.20	0.10	1.67		
	5th Cross Rd		2	40.50	0.20	0.10	1.63		
	Cross Rd-1		2	19.00	0.20	0.10	0.76		
	Cross Rd-2		2	30.00	0.20	0.10	1.21		
	Cross Rd-3 from end		2	52.10	0.20	0.10	2.08		
	Cross Rd-4 from end		2	67.50	0.20	0.10	2.69		
	Cross Rd-5		2	37.00	0.20	0.10	1.48		
	6th Cross Rd		2	103.50	0.20	0.10	4.12		
	12th Cross Rd		2	67.00	0.20	0.10	2.68		
	13th Cross Rd		2	66.00	0.20	0.10	2.64		
	14th Cross Rd		2	65.00	0.20	0.10	2.60		
	12th A Cross Rd		2	14.00	0.20	0.10	0.62		
	13th A Cross Rd		2	15.50	0.20	0.10	0.62		
	14th A Cross Rd		2	11.50	0.20	0.10	0.46		
	Ambabhavani Main Rd		2	108.50	0.20	0.10	4.34		
	Sai Nagara 3rd Phase								
	4th Cross Rd		2	91.50	0.20	0.10	3.66		
	Avaikya Layout								
	Cross Rd-1		2	147.00	0.20	0.10	5.88		
	Cross Rd-2		2	173.00	0.20	0.10	6.93		
	Cross Rd-3		2	152.00	0.20	0.10	6.11		
	Cross Rd-4		2	42.00	0.20	0.10	1.68		
	Cross Rd-5		2	98.50	0.20	0.10	3.94		
	Cross Rd-6		2	37.50	0.20	0.10	1.49		
	Cross Rd-7		2	31.00	0.20	0.10	1.24		
	Cross Rd-8		2	41.00	0.20	0.10	1.64		
	Cross Rd-9		2	31.50	0.20	0.10	1.26		
	Cross Rd-10		2	252.00	0.20	0.10	10.10		
	Cross Rd-11		2	121.00	0.20	0.10	4.84		
	Cross Rd-12		2	124.00	0.20	0.10	4.96		
	Cross Rd-13		2	124.00	0.20	0.10	4.98		
	Sai Nagara 2nd Phase								

Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
			m	m	m			
th Cross Rd		2	117.50	0.20	0.10	4.69		
1th Cross Rd		2	118.10	0.20	0.10	4.73		
9th Cross Rd		2	105.20	0.20	0.10	4.21		
6th Cross Rd		2	110.20	0.20	0.10	4.41		
1st Cross Rd		2	29.50	0.20	0.10	1.18		
2nd Cross Rd		2	66.00	0.20	0.10	2.64		
3rd Cross Rd		1	38.00	0.20	0.10	0.76		
Main Rd		1	52.60	0.20	0.10	1.05		
Muneshwara Layout								
Main Rd		2	108.00	0.20	0.10	4.30		
2nd Cross Rd		2	224.70	0.20	0.10	8.99		
Cross Rd-4		2	59.80	0.20	0.10	2.39		
For Footpath Kerb								
Duo Marvel								
7th Cross Rd		2	88.50	0.20	0.10	3.56		
6th Cross Rd		2	64.00	0.20	0.10	2.56		
7th Cross Rd		2	62.40	0.20	0.10	2.50		
8th Cross Rd		2	70.20	0.20	0.10	2.92		
9th Cross Rd		2	48.20	0.20	0.10	1.93		
10th Cross Rd		2	56.50	0.20	0.10	2.38		
11th Croos Rd		2	59.50	0.20	0.10	2.39		
12th Cross Rd		2	48.00	0.20	0.10	1.93		
13th Cross Rd		2	83.40	0.20	0.10	3.34		
5th Main Rd		2	126.10	0.20	0.10	5.30		
4th Main Rd		2	39.50	0.20	0.10	1.58		
3rd Main Rd		1	39.00	0.20	0.10	0.78		
Main Rd (Double Rd)		2	235.30	0.20	0.10	9.01		
1st A Cross Rd		2	76.70	0.20	0.10	2.30		
1st Cross Rd		2	108.00	0.20	0.10	4.32		
2nd Cross Rd		2	82.30	0.20	0.10	3.29		
2nd Main Rd		2	79.30	0.20	0.10	2.38		
For Footpath								
Duo Marvel								
7th Cross Rd		2	88.50	1.00	0.15	19.91		
6th Cross Rd		2	64.00	1.10	0.15	15.84		
7th Cross Rd		2	62.40	1.10	0.15	15.44		
8th Cross Rd		2	70.20	1.00	0.15	15.80		
9th Cross Rd		2	48.20	1.10	0.15	11.93		
10th Cross Rd		2	56.50	1.10	0.15	18.65		
11th Croos Rd		2	59.50	1.10	0.15	19.64		
12th Cross Rd		2	48.00	1.00	0.15	14.40		
13th Cross Rd		2	83.40	1.00	0.15	25.02		
5th Main Rd		2	126.10	1.00	0.15	39.78		
4th Main Rd		2	39.50	1.10	0.15	13.04		
3rd Main Rd		1	39.00	1.10	0.15	6.44		
Main Rd (Double Rd)		2	235.30	1.10	0.15	74.35		
1st A Cross Rd		2	76.70	1.10	0.15	25.31		
1st Cross Rd		2	108.00	1.10	0.15	35.60		
2nd Cross Rd		2	82.30	1.10	0.15	26.89		
2nd Main Rd		2	79.30	1.10	0.15	26.17		
Deducton of Tress		-225	1.20	1.00	0.15	-40.60		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	duction of Shoulder rain		-73	0.70	1.00	0.15	-7.67		
	Deduction of Box		-10	1.00	0.45	0.15	-0.68		
	Deduct in Front of House		-25	5.00	0.20	0.10	-2.50		
							536.37	6089.85	3266398.30
	Approved Amount	6089.85							
11	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. - do - with solid concrete blocks of size 400x150x200mm								
							0.00	1020.28	0.00
	Approved Amount	1020.28							
12	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.								
	For Kerb	Cum							
	Ambhabavani Layout								
	1st Cross Rd		2	30.00			60.00		
	2nd Cross Rd		2	25.00			54.88		
	3rd Cross Rd		2	29.50			59.59		
	4th Cross Rd		2	41.50			83.42		
	5th Cross Rd		2	40.50			81.61		
	Cross Rd-1		2	19.00			38.00		
	Cross Rd-2		2	30.00			60.71		
	Cross Rd-3 from end		2	52.10			104.15		
	Cross Rd-4 from end		2	67.50			134.39		
	Cross Rd-5		2	37.00			73.90		
	6th Cross Rd		2	103.50			206.11		
	12th Cross Rd		2	67.00			134.00		
	13th Cross Rd		2	66.00			132.00		
	14th Cross Rd		2	65.00			130.00		
	12th A Cross Rd		2	14.00			30.80		
	13th A Cross Rd		2	15.50			31.00		
	14th A Cross Rd		2	11.50			23.00		
	Ambabhavani Main Rd		2	108.50			217.00		
	Sai Nagara 3rd Phase								
	4th Cross Rd		2	91.50			183.00		
	Avaikya Layout								
	Cross Rd-1		2	147.00			294.00		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		In Rs	in Rs
	ss Rd-2		2	173.00			346.61		
	oss Rd-3		2	152.00			305.60		
	Cross Rd-4		2	42.00			84.00		
	Cross Rd-5		2	98.50			197.00		
	Cross Rd-6		2	37.50			74.70		
	Cross Rd-7		2	31.00			62.00		
	Cross Rd-8		2	41.00			82.00		
	Cross Rd-9		2	31.50			63.00		
	Cross Rd-10		2	252.00			504.91		
	Cross Rd-11		2	121.00			242.21		
	Cross Rd-12		2	124.00			248.00		
	Cross Rd-13		2	124.00			248.81		
	Sai Nagara 2nd Phase								
	10th Cross Rd		2	117.50			234.71		
	11th Cross Rd		2	118.10			236.32		
	9th Cross Rd		2	105.20			210.40		
	6th Cross Rd		2	110.20			220.51		
	1st Cross Rd		2	29.50			59.00		
	2nd Cross Rd		2	66.00			132.00		
	3rd Cross Rd		1	38.00			38.00		
	Main Rd		1	52.60			52.60		
	Muneshwara Layout								
	Main Rd		2	108.00			215.01		
	2nd Cross Rd		2	224.70			449.51		
	Cross Rd-4		2	59.80			119.51		
	For Footpath Kerb								
	Duo Marvel								
	7th Cross Rd		2	88.50			177.76		
	6th Cross Rd		2	64.00			128.00		
	7th Cross Rd		2	62.40			124.80		
	8th Cross Rd		2	70.20			145.88		
	9th Cross Rd		2	48.20			96.40		
	10th Cross Rd		2	56.50			118.82		
	11th Croos Rd		2	59.50			119.60		
	12th Cross Rd		2	48.00			96.41		
	13th Cross Rd		2	21.00			43.90		
							7609.48		
							16910.00	**436.80**	**7386288.00**
	Approved Amount	**436.80**							
13	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
	For Kerb	**Sqm**							
	Ambhabavani Layout								
	1st Cross Rd		2	30.00		0.35	21.00		
	2nd Cross Rd		2	25.00		0.35	19.21		
	3rd Cross Rd		2	29.50		0.35	20.86		
	4th Cross Rd		2	41.50		0.35	29.20		
	5th Cross Rd		2	40.50		0.35	28.56		
	Cross Rd-1		2	19.00		0.35	13.30		

Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
			m	m	m		in Rs	in Rs
oss Rd-2		2	30.00		0.35	21.25		
ross Rd-3 from end		2	52.10		0.35	36.45		
Cross Rd-4 from end		2	67.50		0.35	47.04		
Cross Rd-5		2	37.00		0.35	25.86		
6th Cross Rd		2	103.50		0.35	72.14		
12th Cross Rd		2	67.00		0.35	46.90		
13th Cross Rd		2	66.00		0.35	46.20		
14th Cross Rd		2	65.00		0.35	45.50		
12th A Cross Rd		2	14.00		0.35	10.78		
13th A Cross Rd		2	15.50		0.35	10.85		
14th A Cross Rd		2	11.50		0.35	8.05		
Ambabhavani Main Rd		2	108.50		0.35	75.95		
Sai Nagara 3rd Phase								
4th Cross Rd		2	91.50		0.35	64.05		
Avaikya Layout								
Cross Rd-1		2	147.00		0.35	102.90		
Cross Rd-2		2	173.00		0.35	121.31		
Cross Rd-3		2	152.00		0.35	106.96		
Cross Rd-4		2	42.00		0.35	29.40		
Cross Rd-5		2	98.50		0.30	59.10		
Cross Rd-6		2	37.50		0.30	22.56		
Cross Rd-7		2	31.00		0.35	21.70		
Cross Rd-8		2	41.00		0.35	28.70		
Cross Rd-9		2	31.50		0.35	22.05		
Cross Rd-10		2	252.00		0.35	176.72		
Cross Rd-11		2	121.00		0.30	72.66		
Cross Rd-12		2	124.00		0.30	74.40		
Cross Rd-13		2	124.00		0.30	74.64		
Sai Nagara 2nd Phase								
10th Cross Rd		2	117.50		0.30	70.41		
11th Cross Rd		2	118.10		0.30	70.90		
9th Cross Rd		2	105.20		0.30	63.12		
6th Cross Rd		2	110.20		0.30	66.15		
1st Cross Rd		2	29.50		0.30	17.70		
2nd Cross Rd		2	66.00		0.30	39.60		
3rd Cross Rd		1	38.00		0.30	11.40		
Main Rd		1	52.60		0.30	15.78		
Muneshwara Layout								
Main Rd		2	108.00		0.30	64.50		
2nd Cross Rd		2	224.70		0.30	134.85		
Cross Rd-4		2	59.80		0.30	35.85		
For Footpath Kerb								
Duo Marvel								
7th Cross Rd		2	88.50		0.30	53.33		
6th Cross Rd		2	64.00		0.30	38.40		
7th Cross Rd		2	62.40		0.30	39.31		
8th Cross Rd		2	70.20		0.30	44.23		
9th Cross Rd		2	48.20		0.30	30.37		
10th Cross Rd		2	56.50		0.30	35.65		
11th Croos Rd		2	59.50		0.30	37.49		
12th Cross Rd		2	48.00		0.30	30.24		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	h Cross Rd		2	21.00		0.30	13.23		
							2468.74	85.65	211447.94
	Approved Amount	**85.65**							
14	KSRRB M300-14. **Excavation for road work** in all type of soil by mechanical means including cutting loading to tippers trimming bottom and side slopes in accordance with requirment of lines and cross sections and transportation with a lead of 1.00 km and complete as per specification.								
	Asphalat Road	Cum							
	Ambabhavani Nagara								
	1st Cross Rd		1	29.70	5.50	0.30	49.01		
	2nd Cross Rd		1	28.00	5.10	0.30	42.84		
	3rd Cross Rd		1	29.40	5.60	0.30	49.39		
	4th Cross Rd		1	41.70	5.40	0.30	67.38		
	5th Cross Rd		1	40.70	5.45	0.30	66.03		
	Cross Rd-1		1	31.00	5.40	0.30	50.28		
	Cross Rd-2		1	62.00	5.40	0.30	100.30		
	Cross Rd-3		1	18.60	5.95	0.30	33.20		
	Cross Rd-4		1	95.60	17.20	0.30	493.30		
	Cross Rd-5		1	40.30	5.60	0.30	68.25		
	6th Cross Rd		1	114.60	5.50	0.30	189.09		
	Main Rd		1	139.50	7.10	0.30	296.17		
	Sai Nagara 2nd Phase								
	10th Cross Rd		1	114.80	6.30	0.30	215.94		
	11th Cross Rd		1	127.00	5.90	0.30	223.21		
	1st Cross Rd		1	32.00	11.60	0.30	111.87		
	2nd Cross Rd		1	58.00	6.90	0.30	119.19		
	Avaikya Layout								
	1st Cross Rd		1	21.00	7.10	0.30	44.73		
	Cross Rd-11		1	121.00	7.10	0.30	257.73		
	Cross Rd-12		1	124.50	6.94	0.30	258.59		
	Cross Rd-13		1	127.10	7.00	0.30	267.74		
	Cross Rd-10		1	283.70	7.10	0.30	603.07		
	Cross Rd-4		1	40.00	7.00	0.30	84.00		
	Cross Rd-5		1	100.40	7.50	0.30	225.90		
	Cross Rd-6		1	33.50	5.40	0.30	54.32		
	Cross Rd-7		1	32.00	5.50	0.30	52.80		
	Cross Rd-8		1	44.00	7.30	0.30	96.36		
	Cross Rd-9		1	40.00	6.90	0.30	82.80		
	Muneshwara Layout								
	1st Cross Rd		1	214.70	5.30	0.30	341.37		
	Cross Rd-1		1	61.50	5.40	0.30	99.63		
	Cross Rd-2		1	60.00	5.10	0.30	91.80		
	Cross Rd-3		1	60.00	5.10	0.30	91.80		
	Cross Rd-4		1	25.00	5.50	0.30	41.25		
	Cross Rd-5		1	26.00	5.60	0.30	43.68		
	CC Road								
	Muneshwara Layout								
	2nd Cross Rd		1	232.00	4.40	0.40	408.60		
							5321.62	**64.58**	**343670.15**
	Approved Amount	**64.58**							

Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
			m	m	m		in Rs	in Rs
KRB 300-58. **Compaction of original ground** by mechanical means including filling in depression curing during rolling including cost of all labour, HOM complete as per specifications.								
Asphalat Road	Sqm							
Ambabhavani Nagara								
1st Cross Rd		1	29.70	5.50		163.35		
2nd Cross Rd		1	28.00	5.10		142.80		
3rd Cross Rd		1	29.40	5.60		164.64		
4th Cross Rd		1	41.70	5.40		224.61		
5th Cross Rd		1	40.70	5.45		220.10		
Cross Rd-1		1	31.00	5.40		167.61		
Cross Rd-2		1	62.00	5.40		334.32		
Cross Rd-3		1	18.60	5.95		110.67		
Cross Rd-4		1	95.60	17.20		1644.32		
Cross Rd-5		1	40.30	5.60		227.51		
6th Cross Rd		1	114.60	5.50		630.30		
Main Rd		1	139.50	7.10		987.24		
Sai Nagara 2nd Phase								
10th Cross Rd		1	114.80	6.30		719.82		
11th Cross Rd		1	127.00	5.90		744.02		
1st Cross Rd		1	32.00	11.60		372.89		
2nd Cross Rd		1	58.00	6.90		397.31		
Avaikya Layout								
1st Cross Rd		1	21.00	7.10		149.10		
Cross Rd-11		1	121.00	7.10		859.10		
Cross Rd-12		1	124.50	6.94		861.96		
Cross Rd-13		1	127.10	7.00		892.46		
Cross Rd-10		1	283.70	7.10		2006.82		
Cross Rd-4		1	40.00	7.00		278.52		
Cross Rd-5		1	100.40	7.50		749.46		
Cross Rd-6		1	33.50	5.40		181.06		
Cross Rd-7		1	32.00	5.50		176.00		
Cross Rd-8		1	44.00	7.30		321.20		
Cross Rd-9		1	40.00	6.90		276.00		
Muneshwara Layout								
1st Cross Rd		1	214.70	5.30		1137.91		
Cross Rd-1		1	61.50	5.40		332.10		
Cross Rd-2		1	60.00	5.10		306.00		
Cross Rd-3		1	60.00	5.10		306.00		
Cross Rd-4		1	25.00	5.50		137.50		
Cross Rd-5		1	26.00	5.60		145.60		
CC Road								
Muneshwara Layout								
2nd Cross Rd		1	232.00	4.40		1021.50		
						17389.78	6.42	111642.41
Approved Amount	**6.42**							

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	Asphalat Road	Sqm							
	Ambabhavani Nagara								
	1st Cross Rd		1	29.70	5.50		163.35		
	2nd Cross Rd		1	28.00	5.10		142.80		
	3rd Cross Rd		1	29.40	5.60		164.64		
	4th Cross Rd		1	41.70	5.40		224.61		
	5th Cross Rd		1	40.70	5.45		220.10		
	Cross Rd-1		1	31.00	5.40		167.61		
	Cross Rd-2		1	62.00	5.40		334.32		
	Cross Rd-3		1	18.60	5.95		110.67		
	Cross Rd-4		1	95.60	17.20		1644.32		
	Cross Rd-5		1	40.30	5.60		227.51		
	6th Cross Rd		1	114.60	5.50		630.30		
	Main Rd		1	139.50	7.10		987.24		
	Sai Nagara 2nd Phase								
	10th Cross Rd		1	114.80	6.30		719.82		
	11th Cross Rd		1	127.00	5.90		744.02		
	1st Cross Rd		1	32.00	11.60		372.89		
	2nd Cross Rd		1	58.00	6.90		397.31		
	Avaikya Layout								
	1st Cross Rd		1	21.00	7.10		149.10		
	Cross Rd-11		1	121.00	7.10		859.10		
	Cross Rd-12		1	124.50	6.94		861.96		
	Cross Rd-13		1	127.10	7.00		892.46		
	Cross Rd-10		1	283.70	7.10		2006.82		
	Cross Rd-4		1	40.00	7.00		278.52		
	Cross Rd-5		1	100.40	7.50		749.46		
	Cross Rd-6		1	33.50	5.40		181.06		
	Cross Rd-7		1	32.00	5.50		176.00		
	Cross Rd-8		1	44.00	7.30		321.20		
	Cross Rd-9		1	40.00	6.90		276.00		
	Muneshwara Layout								
	1st Cross Rd		1	214.70	5.30		1113.56		
	Cross Rd-1		1	61.50	5.40		332.10		
	Cross Rd-2		1	60.00	5.10		306.00		
	Cross Rd-3		1	60.00	5.10		306.00		
	Cross Rd-4		1	25.00	5.50		137.50		
	Cross Rd-5		1	26.00	5.60		145.60		
							16343.94	**34.26**	**559943.25**
	Approved Amount	**34.26**							
19	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.								
	Asphalat Road	Cum							
	For DBM								
	Ambabhavani Nagara								
	1st Cross Rd		1	29.70	5.50		163.35		
	2nd Cross Rd		1	28.00	5.10		142.80		
	3rd Cross Rd		1	29.40	5.60		164.64		

Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
			m	m	m		in Rs	in Rs
Cross Rd		1	41.70	5.40		224.61		
Cross Rd		1	40.70	5.45		220.10		
Cross Rd-1		1	31.00	5.40		167.61		
Cross Rd-2		1	62.00	5.40		334.32		
Cross Rd-3		1	18.60	5.95		110.67		
Cross Rd-4		1	95.60	17.20		1644.32		
Cross Rd-5		1	40.30	5.60		227.51		
6th Cross Rd		1	114.60	5.50		630.30		
Main Rd		1	139.50	7.10		987.24		
Sai Nagara 2nd Phase								
10th Cross Rd		1	114.80	6.30		719.82		
11th Cross Rd		1	127.00	5.90		744.02		
1st Cross Rd		1	32.00	11.60		372.89		
2nd Cross Rd		1	58.00	6.90		397.31		
Avaikya Layout								
1st Cross Rd		1	21.00	7.10		149.10		
Cross Rd-11		1	121.00	7.10		859.10		
Cross Rd-12		1	124.50	6.94		861.96		
Cross Rd-13		1	127.10	7.00		892.46		
Cross Rd-10		1	283.70	7.10		2006.82		
Cross Rd-4		1	40.00	7.00		278.52		
Cross Rd-5		1	100.40	7.50		749.46		
Cross Rd-6		1	33.50	5.40		181.06		
Cross Rd-7		1	32.00	5.50		176.00		
Cross Rd-8		1	44.00	7.30		321.20		
Cross Rd-9		1	40.00	6.90		276.00		
Muneshwara Layout								
1st Cross Rd		1	214.70	5.30		1113.56		
Cross Rd-1		1	61.50	5.40		332.10		
Cross Rd-2		1	60.00	5.10		306.00		
Cross Rd-3		1	60.00	5.10		306.00		
Cross Rd-4		1	25.00	5.50		137.50		
Cross Rd-5		1	26.00	5.60		145.60		
For BC								
Ambabhavani Nagara								
1st Cross Rd		1	29.70	5.50		163.35		
2nd Cross Rd		1	28.00	5.10		142.80		
3rd Cross Rd		1	29.40	5.60		164.64		
4th Cross Rd		1	41.70	5.40		224.61		
5th Cross Rd		1	40.70	5.45		220.10		
Cross Rd-1		1	31.00	5.40		167.61		
Cross Rd-2		1	62.00	5.40		334.32		
Cross Rd-3		1	18.60	5.95		110.67		
Cross Rd-4		1	95.60	17.20		1644.32		
Cross Rd-5		1	40.30	5.60		227.51		
6th Cross Rd		1	114.60	5.50		630.30		
Main Rd		1	139.50	7.10		987.24		
Sai Nagara 2nd Phase								
10th Cross Rd		1	114.80	6.30		719.82		
11th Cross Rd		1	127.00	5.90		744.02		
1st Cross Rd		1	32.00	11.60		372.89		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	d Cross Rd		1	58.00	6.90		397.31		
	Avaikya Layout								
	1st Cross Rd		1	21.00	7.10		149.10		
	Cross Rd-11		1	121.00	7.10		859.10		
	Cross Rd-12		1	124.50	6.94		861.96		
	Cross Rd-13		1	127.10	7.00		892.46		
	Cross Rd-10		1	283.70	7.10		2006.82		
	Cross Rd-4		1	40.00	7.00		278.52		
	Cross Rd-5		1	100.40	7.50		749.46		
	Cross Rd-6		1	33.50	5.40		181.06		
	Cross Rd-7		1	32.00	5.50		176.00		
	Cross Rd-8		1	44.00	7.30		321.20		
	Cross Rd-9		1	40.00	6.90		276.00		
	Muneshwara Layout								
	1st Cross Rd		1	214.70	5.30		1153.27		
	Cross Rd-1		1	61.50	5.40		332.10		
	Cross Rd-2		1	60.00	5.10		306.00		
	Cross Rd-3		1	60.00	5.10		306.00		
	Cross Rd-4		1	25.00	5.50		137.50		
	Cross Rd-5		1	26.00	5.60		145.60		
							32727.59	**12.85**	**420549.47**
	Approved Amount	**12.85**							
20	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								
	Asphalat Road	Cum							
	Ambabhavani Nagara								
	1st Cross Rd		1	29.70	5.50	0.05	8.17		
	2nd Cross Rd		1	28.00	5.10	0.05	7.14		
	3rd Cross Rd		1	29.40	5.60	0.05	8.23		
	4th Cross Rd		1	41.70	5.40	0.05	11.23		
	5th Cross Rd		1	40.70	5.45	0.05	11.01		
	Cross Rd-1		1	31.00	5.40	0.05	8.38		
	Cross Rd-2		1	62.00	5.40	0.05	16.72		
	Cross Rd-3		1	18.60	5.95	0.05	5.53		
	Cross Rd-4		1	95.60	17.20	0.05	82.22		
	Cross Rd-5		1	40.30	5.60	0.05	11.38		
	6th Cross Rd		1	114.60	5.50	0.05	31.52		
	Main Rd		1	139.50	7.10	0.05	49.36		
	Sai Nagara 2nd Phase								
	10th Cross Rd		1	114.80	6.30	0.05	35.99		
	11th Cross Rd		1	127.00	5.90	0.05	37.20		
	1st Cross Rd		1	32.00	11.60	0.05	18.64		
	2nd Cross Rd		1	58.00	6.90	0.05	19.87		
	Avaikya Layout								
	1st Cross Rd		1	21.00	7.10	0.05	7.46		
	Cross Rd-11		1	121.00	7.10	0.05	42.96		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	oss Rd-12		1	124.50	6.94	0.05	43.10		
	oss Rd-13		1	127.10	7.00	0.05	44.62		
	Cross Rd-10		1	283.70	7.10	0.05	100.34		
	Cross Rd-4		1	40.00	7.00	0.05	13.93		
	Cross Rd-5		1	100.40	7.50	0.05	37.47		
	Cross Rd-6		1	33.50	5.40	0.05	9.05		
	Cross Rd-7		1	32.00	5.50	0.05	8.80		
	Cross Rd-8		1	44.00	7.30	0.05	16.03		
	Cross Rd-9		1	40.00	6.90	0.05	13.68		
	Muneshwara Layout								
	1st Cross Rd		1	214.70	5.30	0.05	56.38		
	Cross Rd-1		1	61.50	5.40	0.05	16.46		
	Cross Rd-2		1	60.00	5.10	0.05	15.16		
	Cross Rd-3		1	60.00	5.10	0.05	15.16		
	Cross Rd-4		1	25.00	5.50	0.05	6.81		
	Cross Rd-5		1	26.00	5.60	0.05	7.21		
							817.19	**7365.73**	**6019228.56**
	Approved Amount	**7365.73**							
21	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. - do - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen								
	Asphalat Road	Cum							
	Ambabhavani Nagara								
	1st Cross Rd		1	29.70	5.50	0.04	6.53		
	2nd Cross Rd		1	28.00	5.10	0.04	5.71		
	3rd Cross Rd		1	29.40	5.60	0.04	6.59		
	4th Cross Rd		1	41.70	5.40	0.04	8.98		
	5th Cross Rd		1	40.70	5.45	0.04	8.80		
	Cross Rd-1		1	31.00	5.40	0.04	6.70		
	Cross Rd-2		1	62.00	5.40	0.04	13.37		
	Cross Rd-3		1	18.60	5.95	0.04	4.43		
	Cross Rd-4		1	95.60	17.20	0.04	65.77		
	Cross Rd-5		1	40.30	5.60	0.04	9.10		
	6th Cross Rd		1	114.60	5.50	0.04	25.21		
	Main Rd		1	139.50	7.10	0.04	39.49		
	Sai Nagara 2nd Phase								
	10th Cross Rd		1	114.80	6.30	0.04	28.79		
	11th Cross Rd		1	127.00	5.90	0.04	29.76		
	1st Cross Rd		1	32.00	11.60	0.04	14.92		
	2nd C		1	58.00	6.90	0.04	15.89		
	Av t								
	1		1	21.00	7.10	0.04	5.96		
			1	121.00	7.10	0.04	34.36		
	2		1	124.50	6.94	0.04	34.48		
	3		1	127.10	7.00	0.04	35.70		
	10		1	283.70	7.10	0.04	80.27		
	4		1	40.00	7.00	0.04	11.14		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	in Rs
	Cross Rd-5		1	100.40	7.50	0.04	29.98		
	Cross Rd-6		1	33.50	5.40	0.04	7.24		
	Cross Rd-7		1	32.00	5.50	0.04	7.04		
	Cross Rd-8		1	44.00	7.30	0.04	12.82		
	Cross Rd-9		1	40.00	6.90	0.04	10.94		
	Muneshwara Layout								
	1st Cross Rd		1	214.70	5.30	0.04	45.11		
	Cross Rd-1		1	61.50	5.40	0.04	13.16		
	Cross Rd-2		1	60.00	5.10	0.04	12.13		
	Cross Rd-3		1	60.00	5.10	0.04	12.13		
	Cross Rd-4		1	25.00	5.50	0.04	5.45		
	Cross Rd-5		1	26.00	5.60	0.04	5.77		
							653.76	**8534.82**	**5579681.29**
	Approved Amount	**8534.82**							
22	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.								
	Asphalat Road	Sqm							
	Ambabhavani Nagara								
	1st Cross Rd		2	29.70	0.10		5.94		
	2nd Cross Rd		2	28.00	0.10		5.60		
	3rd Cross Rd		2	29.40	0.10		5.88		
	4th Cross Rd		2	41.70	0.10		8.34		
	5th Cross Rd		2	40.70	0.10		8.14		
	Cross Rd-1		2	31.00	0.10		6.20		
	Cross Rd-2		2	62.00	0.10		12.40		
	Cross Rd-3		2	18.60	0.10		3.72		
	Cross Rd-4		2.5	95.60	0.10		23.90		
	Cross Rd-5		2	40.30	0.10		8.06		
	6th Cross Rd		2	114.60	0.10		22.92		
	Main Rd		2	139.50	0.10		27.90		
	Sai Nagara 2nd Phase								
	10th Cross Rd		2	114.80	0.10		22.96		
	11th Cross Rd		2	127.00	0.10		25.40		
	1st Cross Rd		2	32.00	0.10		6.40		
	2nd Cross Rd		2	58.00	0.10		11.60		
	Avaikya Layout								
	1st Cross Rd		2	21.00	0.10		4.20		
	Cross Rd-11		2.5	121.00	0.10		30.25		
	Cross Rd-12		2.5	124.50	0.10		31.12		
	Cross Rd-13		2.5	127.10	0.10		31.78		
	Cross Rd-10		2.5	283.70	0.10		70.93		
	Cross Rd 4		2.5	40.00	0.10		10.00		
	Cross Rd-5		2.5	100.40	0.10		25.10		
	Cross Rd-6		2.5	33.50	0.10		8.38		
	Cross Rd-7		2.5	32.00	0.10		8.00		

	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m		in Rs	In Rs
	ross Rd-8		2.5	44.00	0.10		11.00		
	Cross Rd-9		2.5	40.00	0.10		10.00		
	Muneshwara Layout								
	1st Cross Rd		2	214.70	0.10		42.94		
	Cross Rd-1		2	61.50	0.10		12.30		
	Cross Rd-2		2	60.00	0.10		12.00		
	Cross Rd-3		2	60.00	0.10		12.00		
	Cross Rd-4		2	25.00	0.10		5.00		
	Cross Rd-5		2	26.00	0.10		5.20		
							535.55	459.29	245971.17
	Approved Amount	459.29							
E1	Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 .optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5 do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver.								
	CC Road								
	Muneshwara Layout								
	2nd Cross Rd		1	232.00	4.40	0.15	156.90		
							156.90	4101.90	643595.89
	Rate Analysis								
	Basic Rate	3665.00							
	Issue Rate (3*55.47)	166.41							
	Sub Total	3831.41							
	Area weithage 6%	229.88							
	Sub Total	4061.29							
	Tender Premium 1%	40.61							
	Total	4101.91							
	Approved Amount	4101.90							
E2	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, soparation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications.								
	CC Road	Cum							
	Muneshwara Layout								
	2nd Cross Rd		1	232.00	4.40	0.15	156.90		
							156.90	5690.64	892872.05
	Rate Analysis								
	Basic Rate	4916.00							

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Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
			m	m	m		in Rs	in Rs
Issue Rate (3*55.47)	399.38							
Sub Total	5315.38							
Area weithage 6%	318.92							
Sub Total	5634.31							
Tender Premium 1%	56.34							
Total	5690.65							
Approved Amount	5690.64							
							Construction Cost	88345613.87

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Assistant Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಯೋಜನೆ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Executive Engineer

construction cost = 8,83,45,613.87

Add 12% GST = 1,06,01,473.66

= 9,89,47,087.53

Technical Sanction
Accorded For Rs 8834613.87
Head of A/C P3&A2
CER NO : 96 Dt: 29.04.2020